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LAW OFFICES

**SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC**

2100 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20037-3202  
TELEPHONE (202) 293-7060  
FACSIMILE (202) 293-7860



**CALIFORNIA OFFICE**

1010 EL CAMINO REAL  
MENLO PARK, CA 94025  
TELEPHONE (650) 325-5800  
FACSIMILE (650) 325-6606

**BOX: PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: Application of Naoshi SUGIYAMA, Motoshige ASANO, Toshiaki FUJIMAKI, Kazuo MIYAJI and  
Ryo IMAI  
**PRINTER AND RECORDING MATERIAL FOR THE SAME**  
Our Reference: Q55419

Dear Sir:

Attached hereto is the application identified above including the specification, claims, executed Declaration and Power of Attorney, ten (10) sheets of drawings, one (1) priority document, executed Assignment and PTO Form 1595.

The Office's attention is directed to the signatures of the third and fourth inventors on the attached executed documents. The third and fourth inventors correctly signed their names according to the name order used in their country with the family name being set forth first. Accordingly, the typed names of the third and fourth inventors and the signatures of the third and fourth inventors do correspond with each other.

The Government filing fee is calculated as follows:

Total Claims	30 - 20 =	10 x \$18 =	\$ 180.00
Independent Claims	5 - 3 =	2 x \$78 =	\$ 156.00
Base Filing Fee	(\$760.00)		\$ 760.00
Multiple Dep. Claim Fee	(\$260.00)		\$ 000.00
<b>TOTAL FILING FEE</b>			<b>\$ 1096.00</b>
Recordation of Assignment Fee			\$ 40.00
<b>TOTAL U.S. GOVERNMENT FEE</b>			<b>\$ 1136.00</b>

Checks for the statutory filing fee of \$ 1,096.00 and Assignment recordation fee of \$ 40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

Japanese Patent Application  
10-230972

Filing Date  
August 17, 1998

Respectfully submitted,  
**SUGHRUE, MION, ZINN, MACPEAK & SEAS**  
Attorneys for Applicant(s)

By   
Darryl Mexic  
Registration No. 23,063

Registration No. 32,778